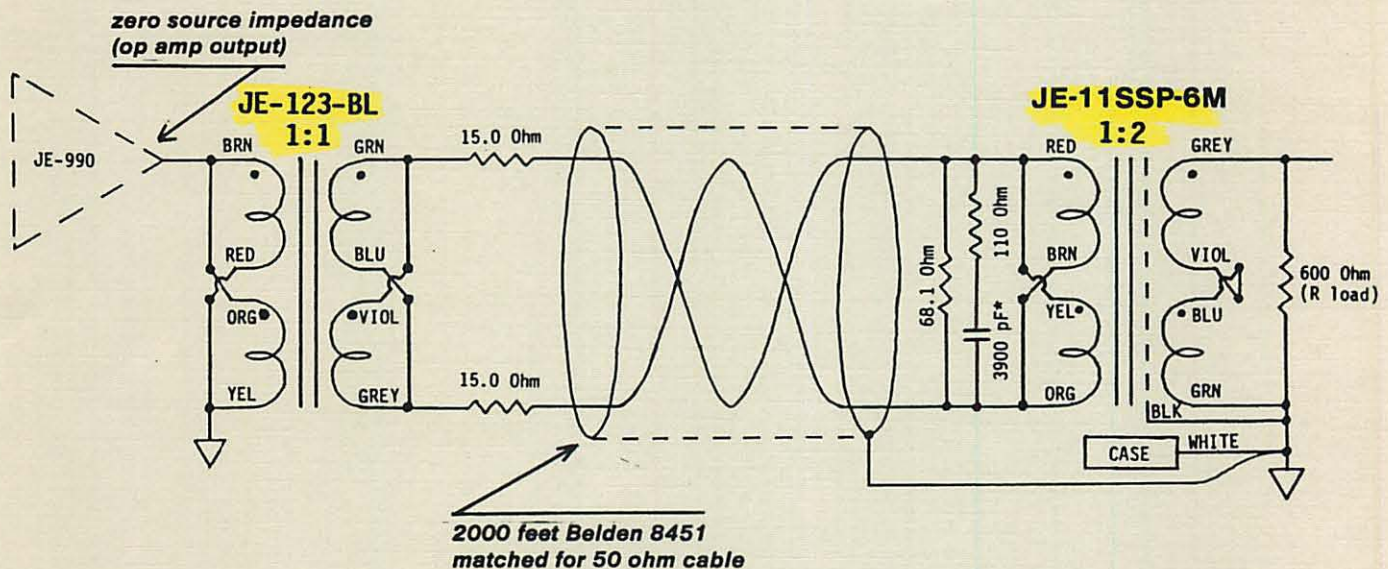


# Application Note

**jensen transformers**  
INCORPORATED

## "LONG LINE APPLICATION"

- 60 kHz Bandwidth
- No square wave overshoot for 2000 feet of cable



### NOTES:

1. Amplifier Load is 100 Ohm. JE-990 Opamp Recommended.
2. 20 Hz Maximum Level (1% THD) at secondary of JE-123-BL is +26 dB re.775 V.
3. \*Capacitor is  $\pm 5\%$  Polystyrene 600 Volt. Mallory SX239 or equal.

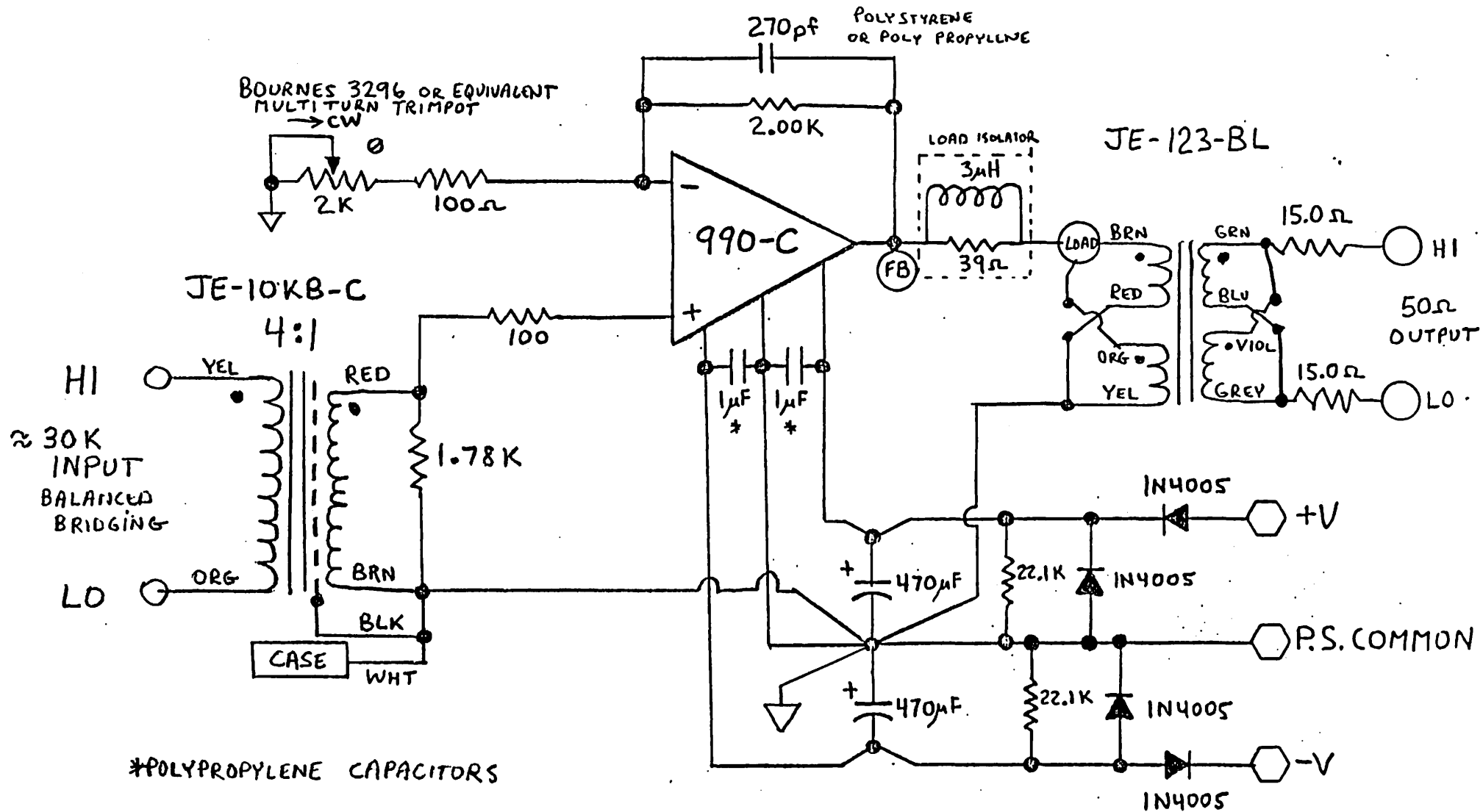
**For more technical application information, call Deane Jensen - (213) 876-0059**

10703 BURBANK BOULEVARD • N. HOLLYWOOD, CA 91601  
FAX (818) 763-4574 • TELEX via WUI 6502919207 MCI UW • PHONE (213) 876-0059

# LONG LINE APPLICATION

## LINE DRIVER

+17 dBu INPUT TRANSFORMER



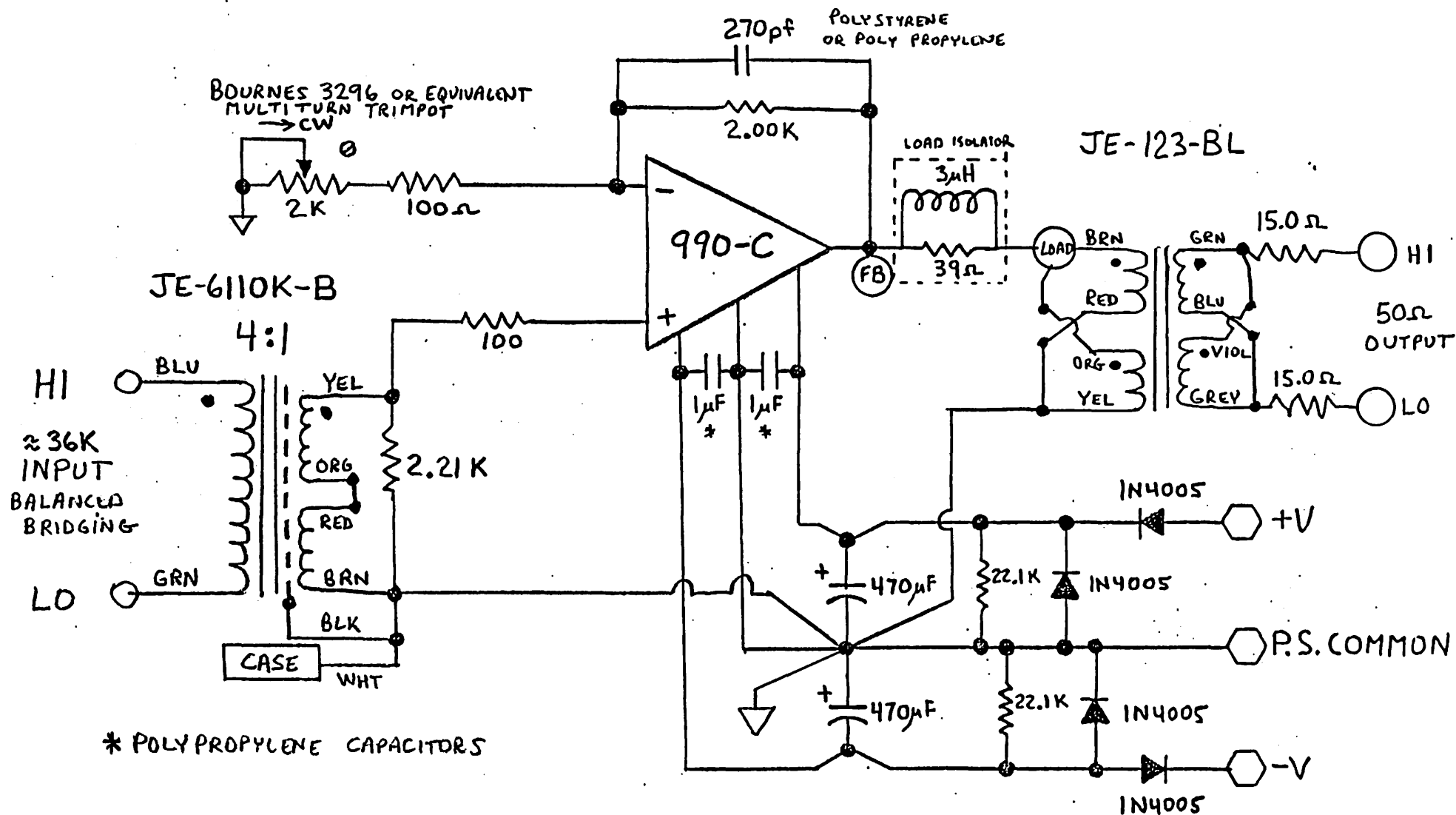
12-08-87

SAH

# LONG LINE APPLICATION

## LINE DRIVER

+24 dBu INPUT TRANSFORMER

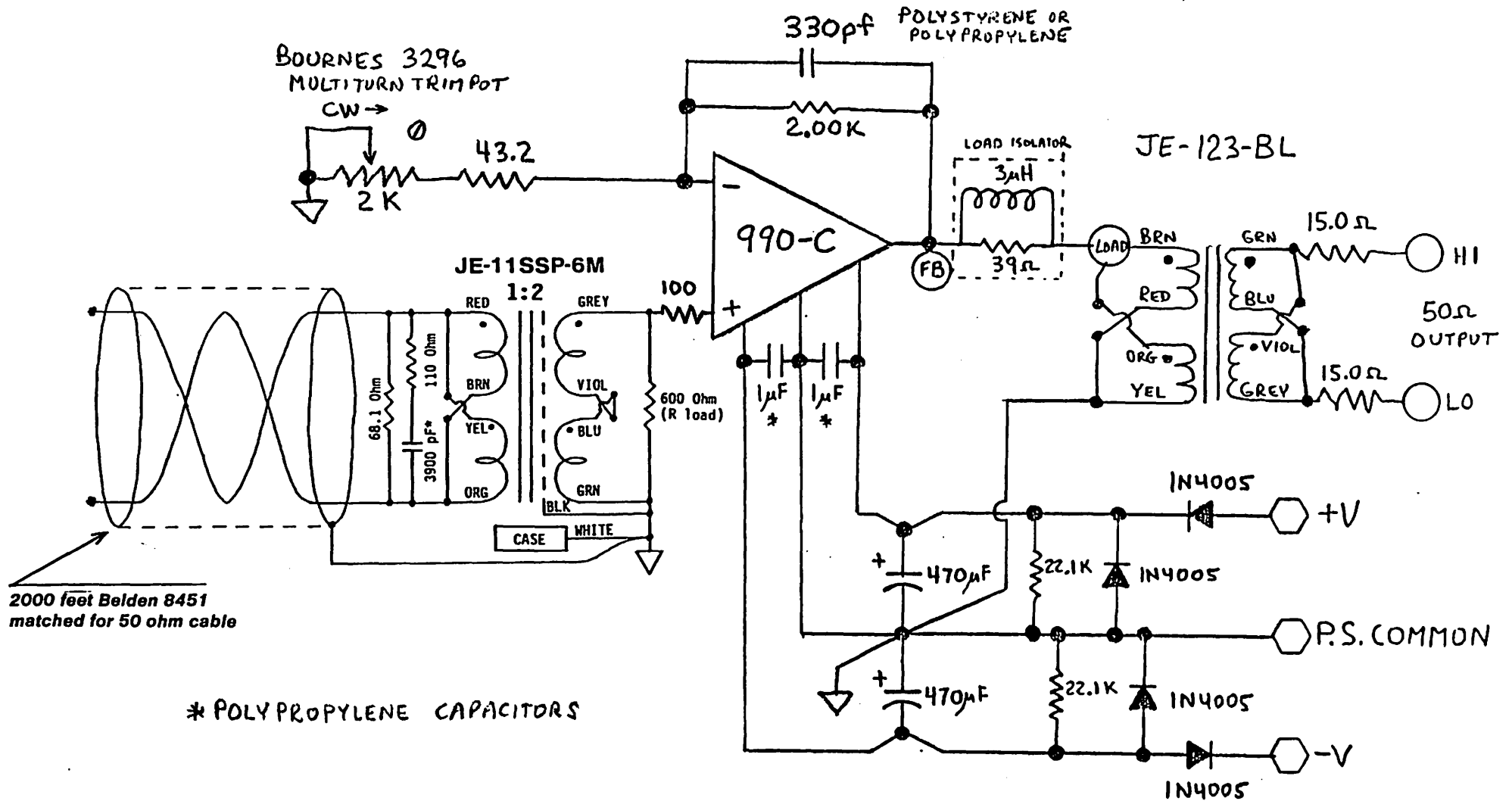


12-08-87

SAH

# LONG LINE APPLICATION

## REPEAT AMPLIFIER



2000 feet Belden 8451  
matched for 50 ohm cable

REVISED  
12-08-87  
SAH